

WO 00/52161

PCT/US00/05153

SEQUENCE LISTING

<110> INCYTE PHARMACEUTICALS, INC.
 LAL, Preeti
 YUE, Henry
 HILLMAN, Jennifer L.
 LU, Dyung Aina M.
 BAUGHN, Mariah R.
 TANG, Y. Tom
 AZIMZAI, Yalda

<120> LEUKOCYTE- AND BLOOD-ASSOCIATED PROTEINS

<130> PF-0673 PCT

<140> To Be Assigned

<141> Herewith

<150> 60/122,080

<151> 1999-03-01

<160> 10

<170> PERL Program

<210> 1

<211> 256

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1450888CD1

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Gln	Ala	Ala	Leu	Tyr	Ile	Gln	Lys	Ile	Pro	Glu	Gln	Pro	Gln	Lys
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Asn	Gln	Asp	Leu	Leu	Leu	Ser	Val	Gln	Gly	Val	Pro	Asp	Thr	Phe
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Gln	Asp	Phe	Asn	Trp	Tyr	Leu	Gly	Glu	Glu	Thr	Tyr	Gly	Gly	Thr
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Arg	Leu	Phe	Thr	Tyr	Ile	Pro	Gly	Ile	Gln	Arg	Pro	Gln	Arg	Asp
				80					85					90
Gly	Ser	Ala	Met	Gly	Gln	Arg	Asp	Ile	Val	Gly	Phe	Pro	Asn	Gly
				95					100					105
Ser	Met	Leu	Leu	Arg	Arg	Ala	Gln	Pro	Thr	Asp	Ser	Gly	Thr	Tyr
				110					115					120
Gln	Val	Ala	Ile	Thr	Ile	Asn	Ser	Glu	Trp	Thr	Met	Lys	Ala	Lys
				125					130					135
Thr	Glu	Val	Gln	Val	Ala	Glu	Lys	Asn	Lys	Glu	Leu	Pro	Ser	Thr
				140					145					150
His	Leu	Pro	Thr	Asn	Ala	Gly	Ile	Leu	Ala	Ala	Thr	Ile	Ile	Gly
				155					160					165
Ser	Leu	Ala	Ala	Gly	Ala	Leu	Leu	Ile	Ser	Cys	Ile	Ala	Tyr	Leu
				170					175					180
Leu	Val	Thr	Arg	Asn	Trp	Arg	Gly	Gln	Ser	His	Arg	Met	Ala	Thr
				185					190					195
Thr	Glu	Lys	Pro	Glu	Leu	Gly	Pro	Ala	His	Asp	Ala	Gly	Asp	Asn
				200					205					210
Asn	Ile	Tyr	Glu	Val	Met	Pro	Ser	Pro	Val	Leu	Leu	Val	Ser	Pro
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Ile	Ser	Asp	Thr	Arg	Ser	Ile	Asn	Pro	Ala	Arg	Pro	Leu	Pro	Thr
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Pro Pro His Leu Gln Ala Glu Gln Arg Thr Thr Ser Thr Arg Thr
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 Cys

<210> 2
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 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 1929823CD1

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 20 25 30
 Thr His Ser Asn Pro Gly Ala Val Leu Leu Leu Pro Phe Val Val
 35 40 45
 Ser Cys Ile Asn Leu Ala Val Pro Cys Ile Tyr Ser Met Phe Arg
 50 55 60
 Leu Val Glu Arg Tyr Glu Met Pro Arg His Glu Val Tyr Val Leu
 65 70 75
 Leu Ile Arg Asn Ile Phe Leu Lys Ile Ser Ile Ile Gly Ile Leu
 80 85 90
 Cys Tyr Tyr Trp Leu Asn Thr Val Ala Leu Ser Gly Glu Glu Cys
 95 100 105
 Trp Glu Thr Leu Ile Gly Gln Asp Ile Tyr Arg Leu Leu Leu Met
 110 115 120
 Asp Phe Val Phe Ser Leu Val Asn Ser Phe Leu Gly Glu Phe Leu
 125 130 135
 Arg Arg Ile Ile Gly Met Gln Leu Ile Thr Ser Leu Gly Leu Gln
 140 145 150
 Glu Phe Asp Ile Ala Arg Asn Val Leu Glu Leu Ile Tyr Ala Gln
 155 160 165
 Thr Leu Val Trp Ile Gly Ile Phe Phe Cys Pro Leu Leu Pro Phe
 170 175 180
 Ile Gln Met Ile Met Leu Phe Ile Met Phe Tyr Ser Lys Asn Ile
 185 190 195
 Ser Leu Met Met Asn Phe Gln Pro Pro Ser Lys Ala Trp Arg Ala
 200 205 210
 Ser Gln Met Met Thr Phe Phe Ile Phe Leu Leu Phe Phe Pro Ser
 215 220 225
 Phe Thr Gly Val Leu Cys Thr Leu Ala Ile Thr Ile Trp Arg Leu
 230 235 240
 Lys Pro Ser Ala Asp Cys Gly Pro Phe Arg Gly Leu Pro Leu Phe
 245 250 255
 Ile His Ser Ile Tyr Ser Trp Ile Asp Thr Leu Ser Thr Arg Pro
 260 265 270
 Gly Tyr Leu Trp Val Val Trp Ile Tyr Arg Asn Leu Ile Gly Ser
 275 280 285
 Val His Phe Phe Phe Ile Leu Thr Leu Ile Val Leu Ile Ile Thr
 290 295 300
 Tyr Leu Tyr Trp Gln Ile Thr Glu Gly Arg Lys Ile Met Ile Arg
 305 310 315
 Leu Leu His Glu Gln Ile Ile Asn Glu Gly Lys Asp Lys Met Phe
 320 325 330
 Leu Ile Glu Lys Leu Ile Lys Leu Gln Asp Met Glu Lys Lys Ala
 335 340 345
 Asn Pro Ser Ser Leu Val Leu Glu Arg Arg Glu Val Glu Gln Gln
 350 355 360
 Gly Phe Leu His Leu Gly Glu His Asp Gly Ser Leu Asp Leu Arg
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 Ser Arg Arg Ser Val Gln Glu Gly Asn Pro Arg Ala
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<210> 3
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 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 2050566CD1

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 Tyr Thr Val Arg Ala Ser Thr Asn Leu Thr Gln Asn Gly Asp Cys
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 Ser Gln Cys Ile Tyr Gln Val Thr Glu Val Gly Gln Gln Ile Lys
 35 40 45
 Thr Ile Phe Leu Phe Tyr Ser Tyr Tyr Glu Cys Met Glu Thr Leu
 50 55 60
 Lys Glu Thr Cys Leu Tyr Asn Ala Thr Gln Tyr Lys Val Cys Ser
 65 70 75
 Pro Arg Asn Asp Arg Pro Asp Ala Cys Tyr Asn Pro Ser Glu Pro
 80 85 90
 Ala Ala Thr Thr Val Phe Glu Ile Arg Thr Gly Leu Leu Leu Gly
 95 100 105
 Asp Thr Ser Lys Ile Ile Thr Arg Thr Glu Lys Glu Ile Pro
 110 115 120
 Lys Gln Ile Thr Leu Arg Phe Asp Ala Cys Ala Ala Ile Asn Ser
 125 130 135
 Lys Lys Leu Glu Ile Gly Cys Gly Ser Leu Asn
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 <213> Homo sapiens

<220>
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 Arg Thr Ser Thr Gln Lys His Thr His Leu Ala Val Ser Phe Gly
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 Arg Ser Val Pro Glu Ala Pro Val Gly Arg Ser Thr Leu Gln Glu
 35 40 45
 Val Val Gly Ile Arg Ser Asp Leu Ala Val Glu Ala Gly Ala Pro
 50 55 60
 Tyr Ala Glu Arg Leu Ala Ala Gly Glu Leu Arg Leu Gly Lys Glu
 65 70 75
 Gly Thr Asp Arg Tyr Arg Met Val Val Gly Gly Ala Gln Ala Gly
 80 85 90
 Asp Ala Gly Thr Tyr His Cys Thr Ala Ala Glu Trp Ile Gln Asp
 95 100 105
 Pro Asp Gly Ser Trp Ala Gln Ile Ala Glu Lys Arg Ala Val Leu
 110 115 120
 Ala His Val Asp Val Gln Thr Leu Ser Ser Gln Leu Ala Val Thr
 125 130 135
 Val Gly Pro Gly Glu Arg Arg Ile Gly Pro Gly Glu Pro Leu Glu
 140 145 150
 Leu Leu Cys Asn Val Ser Gly Ala Leu Pro Pro Ala Gly Arg His
 155 160 165
 Ala Ala Tyr Ser Val Gly Trp Glu Met Ala Pro Ala Gly Ala Pro
 170 175 180

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Gly	Pro	Gly	Arg	Leu	Val	Ala	Gln	Leu	Asp	Thr	Glu	Gly	Val	Gly	
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Ser	Leu	Gly	Pro	Gly	Tyr	Glu	Gly	Arg	His	Ile	Ala	Met	Glu	Lys	
				200					205					210	
Val	Ala	Ser	Arg	Thr	Tyr	Arg	Leu	Arg	Leu	Glu	Ala	Ala	Arg	Pro	
				215					220					225	
Gly	Asp	Ala	Gly	Thr	Tyr	Arg	Cys	Leu	Ala	Lys	Ala	Tyr	Val	Arg	
				230					235					240	
Gly	Ser	Gly	Thr	Arg	Leu	Arg	Glu	Ala	Ala	Ser	Ala	Arg	Ser	Arg	
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Pro	Leu	Pro	Val	His	Val	Arg	Glu	Glu	Gly	Val	Val	Leu	Glu	Ala	
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Val	Ala	Trp	Leu	Ala	Gly	Gly	Thr	Val	Tyr	Arg	Gly	Glu	Thr	Ala	
				275					280					285	
Ser	Leu	Leu	Cys	Asn	Ile	Ser	Val	Arg	Gly	Gly	Pro	Pro	Gly	Leu	
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Arg	Leu	Ala	Ala	Ser	Trp	Trp	Val	Glu	Arg	Pro	Glu	Asp	Gly	Glu	
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Leu	Ser	Ser	Val	Pro	Ala	Gln	Leu	Val	Gly	Gly	Val	Gly	Gln	Asp	
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Gly	Val	Ala	Glu	Leu	Gly	Val	Arg	Pro	Gly	Gly	Gly	Pro	Val	Ser	
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Val	Glu	Leu	Val	Gly	Pro	Arg	Ser	His	Arg	Leu	Arg	Leu	His	Ser	
				350					355					360	
Leu	Gly	Pro	Glu	Asp	Glu	Gly	Val	Tyr	His	Cys	Ala	Pro	Ser	Ala	
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Trp	Val	Gln	His	Ala	Asp	Tyr	Ser	Trp	Tyr	Gln	Ala	Gly	Ser	Ala	
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Arg	Ser	Gly	Pro	Val	Thr	Val	Tyr	Pro	Tyr	Met	His	Ala	Leu	Asp	
				395					400					405	
Thr	Leu	Phe	Val	Pro	Leu	Leu	Val	Gly	Thr	Gly	Val	Ala	Leu	Val	
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Thr	Gly	Ala	Thr	Val	Leu	Gly	Thr	Ile	Thr	Cys	Cys	Phe	Met	Lys	
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<211> 132

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 3073609CD1

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				20					25					30	
Pro	Pro	Pro	Arg	Asp	His	Leu	Ile	Trp	Ser	Val	Phe	Ser	Thr	Leu	
				35					40					45	
Tyr	Leu	Asn	Leu	Cys	Cys	Leu	Gly	Phe	Leu	Ala	Leu	Ala	Tyr	Ser	
				50					55					60	
Ile	Lys	Ala	Arg	Asp	Gln	Lys	Val	Val	Gly	Asp	Leu	Glu	Ala	Ala	
				65					70					75	
Arg	Arg	Phe	Gly	Ser	Lys	Ala	Lys	Cys	Tyr	Asn	Ile	Leu	Ala	Ala	
				80					85					90	
Met	Trp	Thr	Leu	Val	Pro	Pro	Leu	Leu	Leu	Leu	Gly	Leu	Val	Val	
				95					100					105	
Thr	Gly	Ala	Leu	His	Leu	Ala	Arg	Leu	Ala	Lys	Asp	Ser	Ala	Ala	
				110					115					120	
Phe	Phe	Ser	Thr	Lys	Phe	Asp	Asp	Ala	Asp	Tyr	Asp				
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<210> 6
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 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 1450888CB1

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 aaaaaaaaaa aaaaaaaaaa aggctgagcc accgcaccca gcctgcctca gagccttcaa 180
 gtgagtcagc cacaggtgaa atcccacctc tgtctattgg cagacttgcc tcttttcctg 240
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 actgaggtcc aggtagctga aaagaataag gagctgcccc gtacacacct gccccaac 1140
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 <213> Homo sapiens

<220>
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 gttgtctcta caggagtggc catagcctcg tgtgcagccg tttattacct ggctgagtag 180
 aacttagagt tcctgaagac acacagtaac cctggggcgg tgctgttact gcctttcgtt 240
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tggtgggaaa ccttcattgg ccaggacatc tacgggtcc tcttgatgga ttttggttc 480
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ttatgcctgt aatcccgga ctttgggagg ctgaggcaag cggatcactt aatgtcagga 2160
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<210> 8
 <211> 630
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 2050566CB1

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gaagctcatc gttagattca tttttcttaa attttggtact tatacagtaa gggcttcaac 180
taaccttact caaaatgggg actgttccca gtgtatttat caggtcaccg aagtaggaca 240
gcaaattaaa acaatcttct tgttctatag ttattatgaa tgtatggaaa cattaagaa 300
aacttgtttg tataatgcca ctacgtacaa ggtatgtagc ccgagaaatg accgacctga 360
tgcgtgttat aacctatctg agcccgtgc aaccaccgtt tttgaaataa gaactggcct 420
tttgctaggt gatacaagta aaataataac tagaacagaa gaaaaagaaa tccccaagca 480
aataacttta agatttgatg cttgtgcagc cattaatagt aaaaagctag aaataggatg 540
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<210> 9
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 <212> DNA
 <213> Homo sapiens

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agcacacaca	cctggcagtg	tcctttgggc	gatctgtgcc	cgaggcacca	gttgggcggg	300
caactctgca	ggaagtgggtg	ggaatccggg	cagacttggc	cgtggaggct	ggagctccct	360
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agtggattca	ggatccctgat	ggcagctggg	cccagattgc	agagaaaagg	gccgtccctg	540
cccagtgga	tgtgcagacg	ctgtccagcc	agctggcagt	gacagtgggg	cctgggtgaac	600
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cagcaggccg	tcattgctgca	tactctgtag	gttgggagat	ggcacctgcg	ggggcacctg	720
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atgagggccg	acacattgcc	atggagaagg	tggcatccag	aacataccgg	ctacggctag	840
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tgccgggagga	aggtgtgggtg	ctggaggctg	tggcatggct	agcaggaggc	acagtgtacc	1020
gcggggagac	tgccctccctg	ctgtgcaaca	tctctgtgcg	gggtggcccc	ccaggactgc	1080
ggctggccgc	cagctgggtg	gtggagcgac	cagaggacgg	agagctcagc	tctgtccctg	1140
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